TravelMate 370 series

User's guide

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TravelMate 370 series User's guide
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TravelMate 370 series Notebook computer

Model number : ___________________________________

Serial number: _____________________________________

Purchase date: _____________________________________

Place of purchase: __________________________________

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First things first

We would like to thank you for making the TravelMate series of notebook computers your choice for your mobile computing needs. We hope you will be happy with your TravelMate as much as we enjoyed making it for you.

Your guides

To help you use your TravelMate, we have designed a set of guides:

First off, the **Just for Starters...** poster helps you get started with setting up your computer.

This **User's guide** introduces you to the many ways your computer can help you be more productive. This guide provides clear and concise information about the computer, so read it thoroughly.

If you ever need to print out a copy, this User's guide is also available in PDF (Portable Document Format). Follow these steps:

1 Click on **Start**, **All Programs**, **AcerSystem**.

2 Click on **AcerSystem User's guide**.

Note: Viewing the file requires Adobe Acrobat Reader installed. For instructions on how to use Adobe Acrobat Reader, access the **Help** menu.

For more information about our products, services, and support information, please visit our Web site (www.acer.com).

Basic care and tips for using your computer

Turning your computer on and off

To turn on the computer, simply press the power button on the left of the launch keys found above your TravelMate's standard keyboard. See "Front open view" on page 3 for the location of the power button.

To turn the power off, do any of the following:

- Use the Windows shutdown command

  For Windows 2000: Click on **Start**, **Shut Down...**, and select **Shut down**; then click on **OK**.

  - or -

  For Windows XP: Click on **Start**, **Turn off Computer**; then click **Turn Off**.

- Use the power button

  Note: You can also use the power button to perform power management functions. See Windows help for more information.

- Use the customized functions for power management

  You can also shut down the computer by closing the display cover, or by pressing the sleep hot key (**Fn-F4**). See the online guide for details.

  Note: If you cannot power off the computer normally, press and hold the power button for more than four seconds to shut down the computer. If you turn off the computer and want to turn it on again, wait at least two seconds before powering up.

Taking care of your computer

Your computer will serve you well if you take care of it.

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not expose the computer to temperatures below 0°C (32°F) or above 50°C (122°F).
- Do not subject the computer to magnetic fields.

- Do not expose the computer to rain or moisture.
- Do not spill water or any liquid on the computer.
- Do not subject the computer to heavy shock and vibration.
- Do not expose the computer to dust and dirt.
- Never place objects on top of the computer to avoid damaging the computer.
- Do not slam the computer display when you close it.
- Never place the computer on uneven surfaces.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere ratings of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Taking care of your battery pack

Here are some ways to take care of your battery pack:

- Use only batteries of the same kind as replacements. Turn the power off before removing or replacing batteries.
- Do not tamper with batteries. Keep them away from children.
- Dispose of used batteries according to local regulations. Recycle if at all possible.

Cleaning and servicing

- When cleaning the computer, follow these steps:
- Power off the computer and remove the battery pack.
- Disconnect the AC adapter.
- Use a soft cloth moistened with water. Do not use liquid or aerosol cleaners.
- To clean the display screen, use an LCD cleaning kit.

If any of the following occurs:

- The computer has been dropped or the body has been damaged.
- Liquid has been spilled into the product.
- The computer does not operate normally.

Please refer to "Troubleshooting my computer" on page 47.

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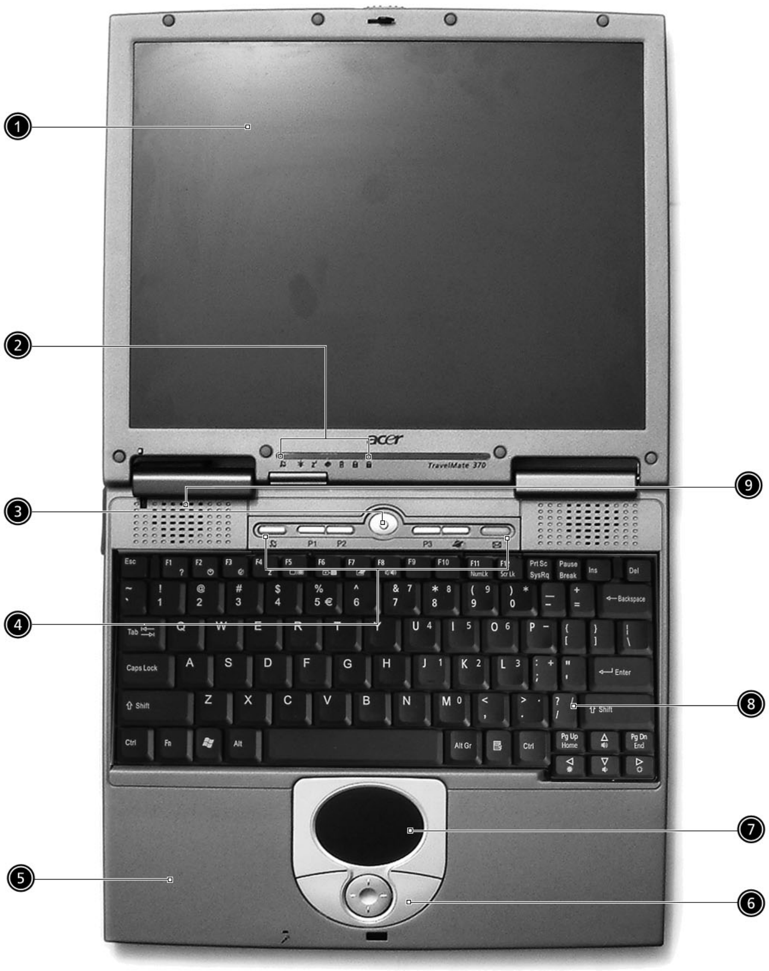
1 Getting to know your TravelMate

Your TravelMate computer combines high-performance, versatility, power management features and multimedia capabilities with a unique style and ergonomic design. Work with unmatched productivity and reliability with your new power computing partner.

A TravelMate tour

After setting up your computer as illustrated in the **Just for Starters...** poster, let us show you around your new TravelMate computer.

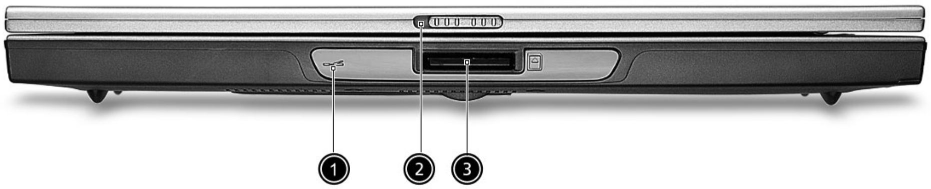
Front open view



#	Item	Description
1	Display screen	Also called LCD (liquid-crystal display), displays computer output.

#	Item	Description
2	Status indicators	LEDs (light-emitting diode) that turn on and off to show the status of the computer, its functions and components.
3	Power button	Turns on the computer.
4	Launch keys	Two special keys for frequently used programs. See “Launch Keys” on page 21 for more details.
5	Palmrest	Comfortable support area for your hands when you use the computer.
6	Click buttons (left, center and right)	The left and right buttons function like the left and right mouse buttons; the center button serves as a 4-way scroll button.
7	Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
8	Keyboard	Inputs data into your computer.
9	Stereo speaker	Outputs sound.

Front view

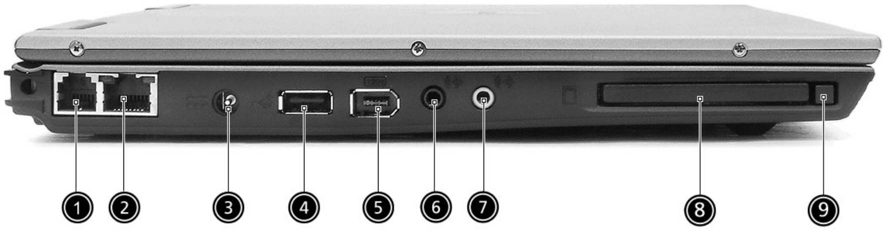


#	Item	Description
1	Infrared port	Interfaces with infrared devices (e.g., infrared printer, IR-aware computer).
2	Latch	Latch for opening and closing the computer.
3	3-in-1 card reader[1]	Reads cards from Memory Stick, MultiMedia, and Secure Digital cards.

Notes:

1. Three-in-one card reader is a manufacturing option, subject to configuration. Only one card can operate at any given time.

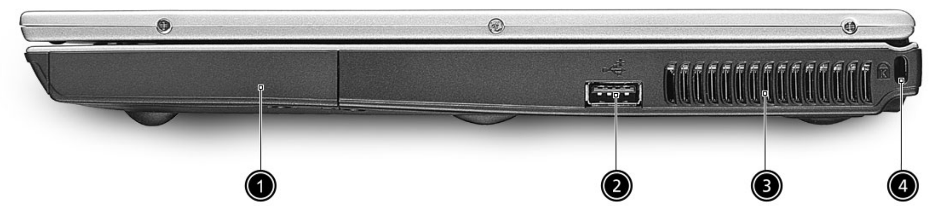
Left view



#	Item	Description
1	Modem port	Connects to a phone line.
2	Ethernet port	Connects to an Ethernet 10/100-based network.
3	DC-in jack	Connects the AC adapter.
4	USB 2.0 port	Connects to Universal Serial Bus devices (e.g., USB mouse, USB camera).
5	IEEE 1394 port 1394	Connects to IEEE 1394 devices.
6	Headphone/ Speaker/ Line-out jack	Connects to headphones or other line-out audio devices (speaker).

#	Item	Description
7	Microphone/line-in jack	Accepts input from external microphones, or other audio line-in devices (e.g. audio CD player, stereo walkman and etc.)
8	PC Card slot	Accepts one Type II 16-bit PC Card or 32-bit CardBus PC Card.
9	Eject button	Ejects the PC Card from the slot.

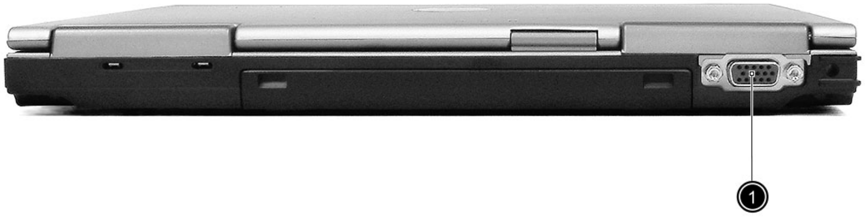
Right view



#	Item	Description
1	HDD	Houses the computer’s hard disk.
2	USB 2.0 ports	Connects to Universal Serial Bus devices (e.g., USB mouse, USB camera).

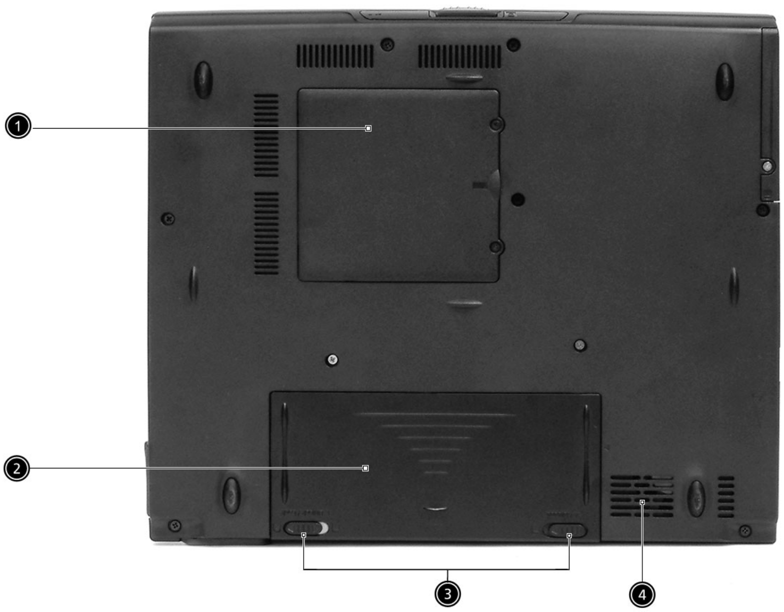
#	Item	Description
3	Vantilation Slot	Enables the computer to stay cool, even after prolonged use.
4	Security keylock	Connects to a Kensington-compatible computer security lock.

Rear view



#	Item	Description
1	External display port	Connects to a display device (e.g., external monitor, LCD projector) and displays up to 16.7 million colors with 1024x768 pixel resolution.

Bottom view



#	Item	Description
1	RAM slot	The slot that houses the computer's main memory.
2	Battery bay	Houses the computer's battery pack.
3	Battery release latch	Unlatches the battery to remove the battery pack.
4	Vantilation Slot	Enables the computer to stay cool, even after prolonged use.

Features

Below is a brief summary of the computer's many features:

Performance

- Intel® Pentium® M Processor at 1.3 ~1.7 GHz or higher
- Intel 855GM chipset
- Memory upgradeable up to 2 GB with 2 slots
- High-capacity, Enhanced-IDE hard disk
- Li-ion main battery pack
- Power management system with ACPI (Advanced Configuration Power Interface)

Display

- Thin-Film Transistor (TFT) liquid crystal display (LCD) displaying 32-bit high color up to 1024 x 768 eXtended Graphics Array (XGA) resolution
- 3D graphics engine
- Simultaneous LCD and CRT display support

Multimedia

- 16-bit high-fidelity AC'97 stereo audio
- Built-in speaker

Connectivity

- High-speed fax/data modem port
- Ethernet/Fast Ethernet port
- Fast infrared wireless communication
- Two USB 2.0 ports
- IEEE 1394 port
- InviLink 802.11b or 802.11 a/g wireless LAN (manufacturing optional)
- SD/MMC/MS memory slot (manufacturing optional)

Human-centric design and ergonomics

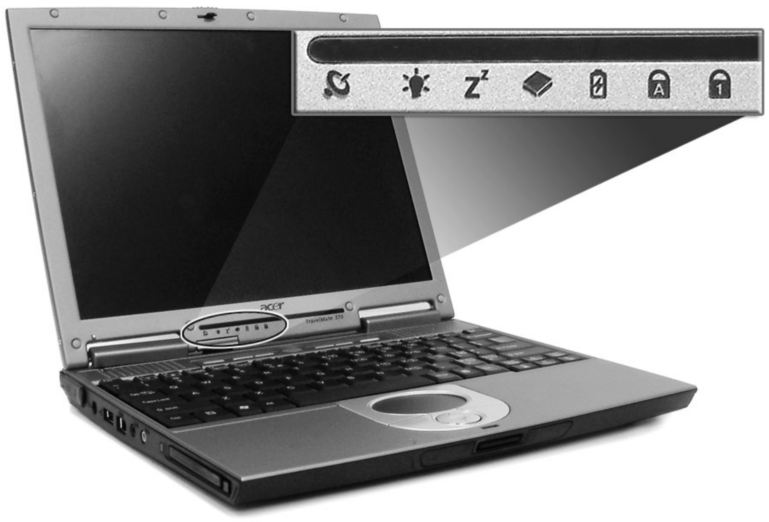
- Internet 4-way scroll button
- Sleek, smooth and stylish design
- Ergonomically-centered touchpad pointing device

Expansion

- One Type II CardBus PC Card slot
- Upgradeable memory

Indicators

The computer has seven easy-to-read status indicators on the display screen and three on the LCD panel.



The Wireless, Power and Sleep status indicators are visible even when the display is closed.

Icon	Function	Description
📡	Wireless	Orange indicates that wireless LAN is enabled.
☼	Power	Lights green when the power is on and standby mode.
Z^z	Sleep	Lights when the computer enters Standby mode and blinks when it enters into or resumes from hibernation mode.

Icon	Function	Description
◆	Media Activity	Lights when the floppy drive, hard disk or optical drive is active.
🔋	Battery Charge	Lights when the battery is being charged.
A	Caps Lock	Lights when Caps Lock is activated.
1	Num Lock	Lights when Num Lock is activated.

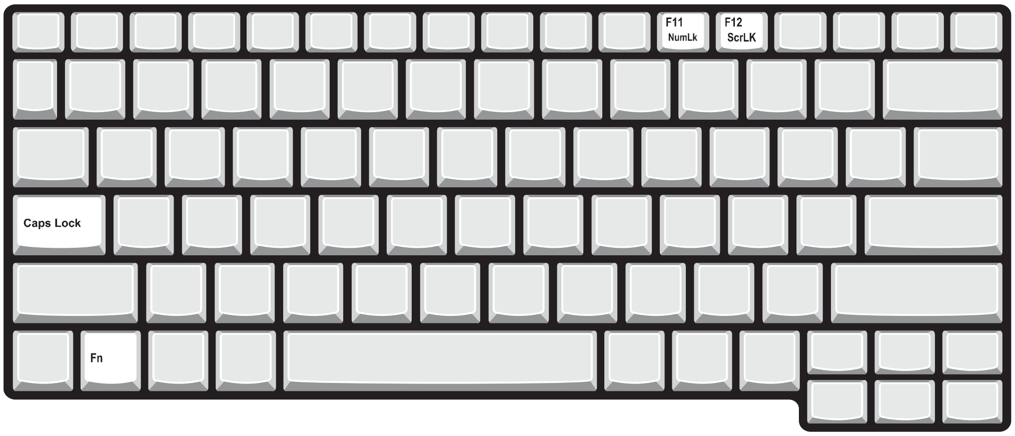
Using the keyboard

The full-sized keyboard includes an embedded numeric keypad, separate cursor keys, two Windows keys and twelve function keys.

Special keys

Lock keys

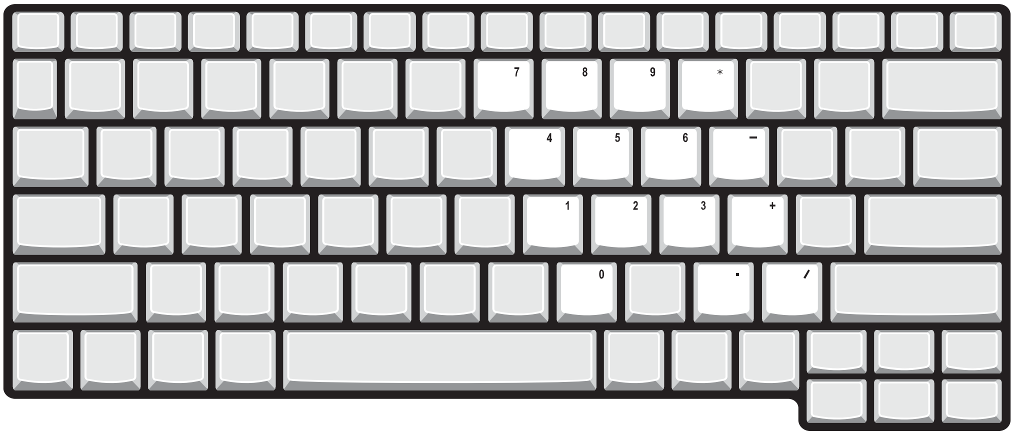
The keyboard has four lock keys which you can toggle on and off.



Lock key	Description
Caps Lock	When Caps Lock is on, all alphabetic characters typed are in uppercase.
Num Lock (Fn-F11)	When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with the arithmetic operators +, -, *, and /). Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.
Scroll Lock (Fn-F12)	When Scroll Lock is on, the screen moves one line up or down when you press the up or down arrow keys respectively. Scroll Lock does not work with some applications.

Embedded numeric keypad

The embedded numeric keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, cursor-control key symbols are not printed on the keys.

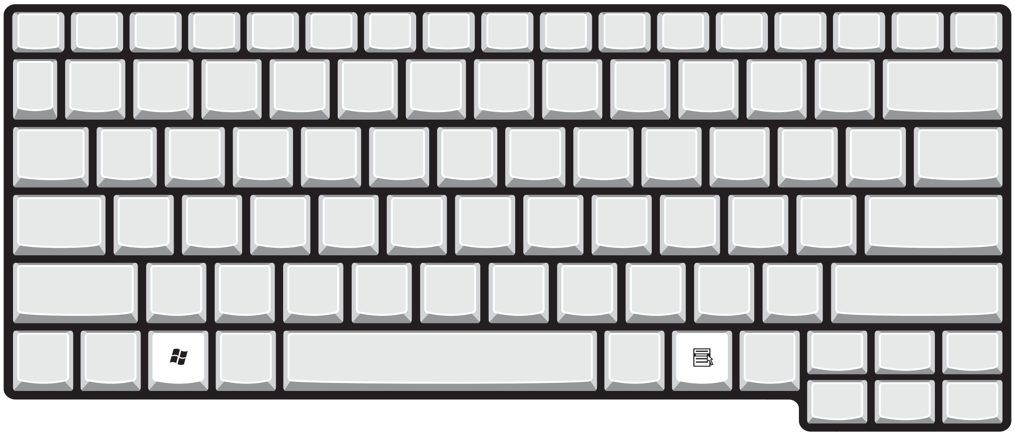


Desired access	Num lock on	Num lock off
Number keys on embedded keypad	Type numbers in a normal manner.	
Cursor-control keys on embedded keypad	Hold Shift while using cursor-control keys.	Hold Fn while using cursor-control keys.
Main keyboard keys	Hold Fn while typing letters on embedded keypad.	Type the letters in a normal manner.

Note: If an external keyboard or keypad is connected to the computer, the Num Lock feature automatically shifts from the internal keyboard to the external keyboard or keypad.

Windows keys

The keyboard has two keys that perform Windows-specific functions.

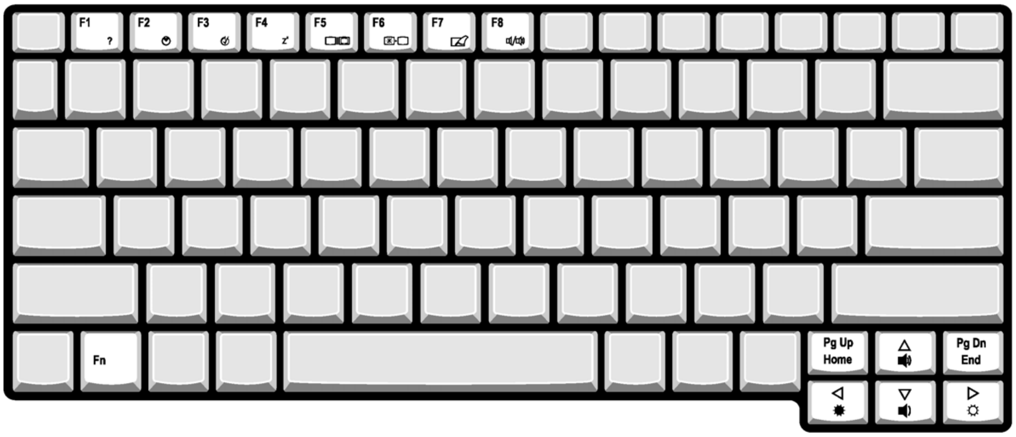


Key	Description
Windows logo key ⊞	Start button. Combinations with this key perform shortcut functions. Below are a few examples: ⊞ + Tab (Activates next taskbar button) ⊞ + E (Explores My Computer) ⊞ + F (Finds Document) ⊞ + M (Minimizes All) Shift + ⊞ + M (Undoes Minimize All) ⊞ + R (Displays the Run... dialog box)
Application key ▤	Opens a context menu (same as a right-click).

Keyboard Hot keys

The computer employs hot keys or key combinations to access most of the computer's controls like screen brightness, volume output and the BIOS Utility.

To activate a keyboard hot key, press and hold the **Fn** key before pressing the other key(s) in the hot key combination.

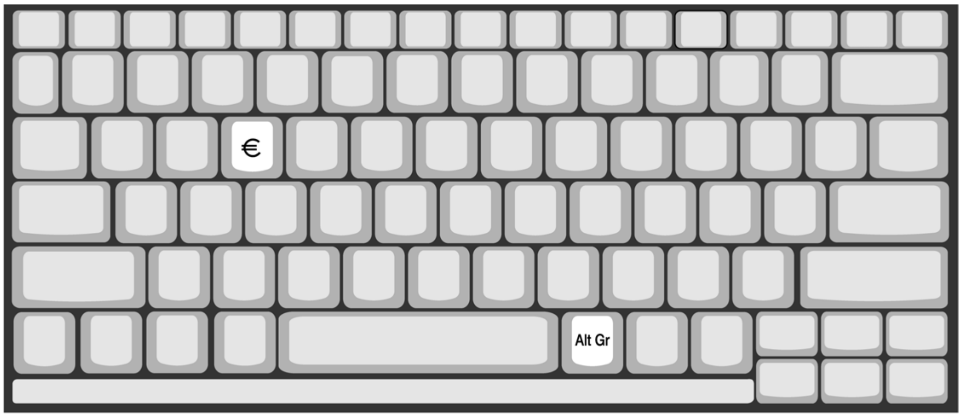


Hot key	Icon	Function	Description
Fn-F1	?	Hot key help	Displays help on hot keys.
Fn-F2		Setup	Accesses the computer's configuration utility.
Fn-F3	✓	Power Management Scheme Toggle	Switches the power management scheme used by the computer (function available if supported by operating system). See "Power management" on page 27.
Fn-F4	Zz	Sleep	Puts the computer in Sleep mode, which can be defined. See "Power management" on page 27.

Hot key	**Icon**	**Function**	**Description**
Fn-F5	□|■	Display toggle	Switches display output between the display screen, external monitor (if connected) and both the display screen and external monitor.
Fn-F6	☼▸■	Screen blank	Turns the display screen backlight off to save power; press any key to resume.
Fn-F7		Touchpad Toggle	Turns the internal touchpad on and off.
Fn-F8	🔈/🔊	Speaker on/off	Turns the speaker on and off.
Fn-→	☼	Brightness up	Increases the screen brightness.
Fn-←	☀	Brightness up	Decreases the screen brightness.
Fn-↑	🔊	Volume up	Increases the speaker volume.
Fn-↓	🔉	Volume down	Decreases the speaker volume.

The Euro symbol

If your keyboard layout is set to United States-International or United Kingdom or if you have a keyboard with a European layout, you can type the Euro symbol on your keyboard.



Note for US keyboard users: The keyboard layout is set when you first set up Windows. For the Euro symbol to work, the keyboard layout has to be set to United States-International.

To verify the keyboard type in Windows Millennium Edition and Windows 2000, follow the steps below:

1. Click on **Start**, **Settings**, **Control Panel**.
2. Double-click on **Keyboard**.
3. Click on the **Language** tab.
4. Verify that the keyboard layout used for "En English (United States)" is set to United States-International.

   If not, select and click on **Properties**; then select **United States-International** and click on **OK**.
5. Click on **OK**.

To verify the keyboard type in Windows XP, follow the steps below:

1. Click on **Start**, **Control Panel**.
2. Double-click on **Regional and Language Options**.
3. Click on the **Language** tab and click on **Details**.
4. Verify that the keyboard layout used for "En English (United States)" is set to United States-International.

If not, select and click on **ADD**; then select **United States-International** and click on **OK**.

5 Click on **OK**.

To type the Euro symbol:

1 Locate the Euro symbol on your keyboard.

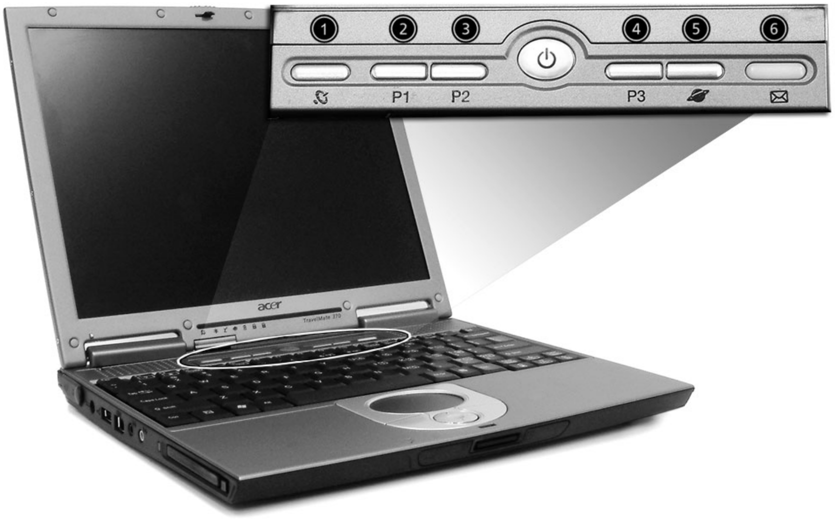
2 Open a text editor or word processor.

3 Hold **Alt Gr** and press the Euro symbol.

Note: Some fonts and software do not support the Euro symbol. Please refer to www.microsoft.com/typography/faq/faq12.htm for more information.

Launch Keys

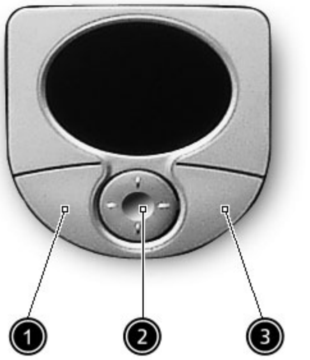
Located above the keyboard are six buttons. These keys are special one-click buttons that perform special functions.



#	Launch key	Default application
1	Wireless 📡	This button permits user Enabled/Disabled Wireless LAN network.
2	P1	User-programmable
3	P2	User-programmable
4	P3	User-programmable
5	Web browser 🪐	Launch Internet Explorer (or user-defined program)
6	Mail ✉	Launch Outlook Express (or user-defined program)

Touchpad

The built-in touchpad is a pointing device that senses movement on its surface. This means the cursor responds as you move your finger on the surface of the touchpad. The central location on the palmrest provides optimum comfort and support.



Touchpad basics

The following items teach you how to use the touchpad:

- Move your finger across the touchpad to move the cursor.
- Press the left(1) and right(3) buttons located on the edge of the touchpad to do selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad produces similar results.
- Use the 4-way scroll (2) button (top/bottom/left and right) to scroll a page up, down, left or right. This button mimics your cursor pressing on the vertical and horizontal scroll bards of Windows applications.

Function	Left button	Right button	Center buttons	Tap
Execute	Click twice quickly			Tap twice (at the same speed as double-clicking a mouse button)
Select	Click once			Tap once
Drag	Click and hold, then use finger to drag the cursor on the touchpad			Tap twice (at the same speed as double-clicking a mouse button) then hold finger to the touchpad on the second tap and drag the cursor
Access context menu		Click once		
Scroll			Click and hold the up/ down/ left/ right	

Note: A.Keep your fingers dry and clean when using the touchpad. Also keep the touchpad dry and clean. The touchpad is sensitive to finger movements. Hence, the lighter the touch, the better the response. Tapping harder will not increase the touchpad's responsiveness. **B**.When using an external USB mouse, you can press **Fn-F7** to disable the touchpad.

Storage

This computer supplies you with the following media storage:

- High-capacity Enhanced-IDE hard disk
- IEEE 1394 Optical (CD, DVD, DVD/CD-RW combo, or DVD-Dual) drive
- USB Floppy drive

Hard disk

The high-capacity hard disk is the answer to your storage needs. This is where your programs and data are stored.

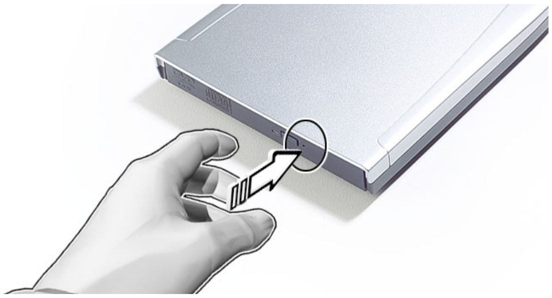
IEEE 1394 Optical drive

Your computer comes equipped with an optical drive which may be one of the following:

- CD-ROM drive
- DVD-ROM drive
- DVD/CD-RW drive
- DVD-Dual drive

Ejecting the IEEE 1394 optical (CD or DVD) drive tray

To eject the optical drive tray when the computer is turned on, press the drive eject button.



When the power is off, you can eject the drive tray using the emergency eject hole. See page 50.

Using software

Playing DVD movies

When the DVD-ROM drive module is installed, you can play DVD movies on your computer.

1 Eject the DVD tray and insert a DVD movie disc; then close the DVD tray.

Important! When you launch the DVD player for the first time, the program asks you to input the region code. DVD discs are divided into 6 regions. Once your DVD drive is set to a region code, it will play DVD discs of that region only. You can set the region code a maximum of five times (including the first time), after which the last region code set will remain permanent. Recovering your hard disk does not reset the number of times the region code has been set. Refer to the table below for DVD movie region code information.

2 The DVD movie will automatically play after a few seconds.

Region code	Country or region
1	U.S.A., Canada
2	Europe, Middle East, South Africa, Japan
3	Southeast Asia, Taiwan, Korea (South)
4	Latin America, Australia, New Zealand
5	Former U.S.S.R., parts of Africa, India
6	People's Republic of China

Note: To change the region code, insert a DVD movie of a different region into the DVD-ROM drive. Please refer to the online help for more information.

Audio

The computer comes with 16-bit high-fidelity AC'97 stereo audio, and stereo speaker.

Adjusting the volume

Adjusting the volume on the computer is as easy as pressing some buttons. See "Keyboard Hot keys" on page 17 for more informations on adjusting the speaker volume.

Power management

This computer has a built-in power management unit that monitors system activity. System activity refers to any activity involving one or more of the following devices: keyboard, mouse, floppy drive, hard disk, peripherals connected to the serial and parallel ports, and video memory. If no activity is detected for a period of time (called an inactivity timeout), the computer stops some or all of these devices in order to conserve energy.

This computer employs a power management scheme that supports ACPI (Advanced Configuration and Power Interface), which allows for maximum power conservation and maximum performance at the same time. Windows handles all power-saving chores for your computer.

Moving around with your TravelMate

This section gives you tips and hints to consider when moving around or traveling with your computer.

Disconnecting from the desktop

Follow these steps to disconnect your computer from external accessories:

1 Save your work in progress.

2 Remove any media, diskette or compact disc, from the drive(s).

3 Shut down the computer.

4 Close the display cover.

5 Disconnect the cord from the AC adapter.

6 Disconnect the keyboard, pointing device, printer, external monitor, and other external devices.

7 Disconnect the Kensington lock if you are using one to secure the computer.

Moving around

“when you are just moving within short distances, for example, from your office desk to a meeting room”

Preparing the computer

Before moving the computer, close and latch the display cover to place it in Sleep mode. You can now safely take the computer anywhere you go within the building. To bring the computer out of Sleep mode, open the display; then press and release the power button.

If you are taking the computer to a client's office or a different building, you may choose to shut down the computer:

1 Click on **Start**, **Shut Down...** or **Turn off Computer** (Windows XP).

2 Select Shut down and click on **OK,** or select **Turn Off** (Windows XP).

- or -

you can put the computer in Sleep mode by pressing **Fn-F4**. Then close and latch the display.

When you are ready to use the computer again, unlatch and open the display; then press and release the power button.

Note: If the sleep indicator is off, the computer has entered Hibernation mode and turned off. If the power indicator is off but the sleep indicator is on, the computer has entered Sleep mode. In both cases, press and release the power button to turn the computer back on. Note that the computer may enter Hibernation mode after it is in Sleep mode for a period of time.

What to bring to short meetings

A fully charged battery runs the computer for about 2.5 hours (with 4-cell battery pack), or 4.5 hours (with 6-cell battery pack). If your meeting is shorter than that, you probably do not need to bring anything with you other than the computer.

What to bring to long meetings

If your meeting will last longer than 2.5 hours (with 4-cell battery pack) or 4.5 hours (with 6-cell battery pack), or if your battery is not fully charged, you may want to bring the AC adapter with you to plug in your computer in the meeting room.

If the meeting room does not have an electrical outlet, reduce the drain on the battery by putting the computer in Sleep mode. Press **Fn-F4** or close the display cover whenever you are not actively using the computer. To resume, open the display (if closed); then press and release the power button.

Taking the computer home

"when you are moving from your office to your home or vice versa"

Preparing the computer

After disconnecting the computer from your desktop, follow these steps to prepare the computer for the trip home:

- Check if you have removed all media, diskettes and compact discs, from the drive(s). Failure to remove the media can damage the drive head.

- Pack the computer in a protective case that can prevent the computer from sliding around and cushion it if it should fall.

Caution: Avoid packing items next to the top cover of the computer. Pressure against the top cover can damage the screen

What to bring with you

Unless you already have some items at home, bring the following items with you:

- AC adapter and power cord
- The printed user's guide

Special considerations

Follow these guidelines to protect your computer while traveling to and from work:

- Minimize the effect of temperature changes by keeping the computer with you.
- If you need to stop for an extended period of time and cannot bring the computer with you, leave the computer in the trunk of the car to avoid exposing the computer to excessive heat.
- Changes in temperature and humidity can cause condensation. Allow the computer to return to room temperature, and inspect the screen for condensation before turning on the computer. If the temperature change is greater than 18°F (10°C), allow the computer to come to room temperature slowly. If possible, leave the computer for 30 minutes in an environment with a temperature between outside and room temperature.

Setting up a home office

If you frequently work on your computer at home, you may want to purchase a second AC adapter for use at home. With a second AC adapter, you can avoid transporting the extra weight to and from home.

If you use your computer at home for significant periods of time, you might also want to add an external keyboard, monitor, or mouse.

Traveling with the computer

"when you are moving within a larger distance, for instance, from your office building to a client's office building or traveling locally"

Preparing the computer

Prepare the computer as if you were taking it home. Make sure that the battery in the computer is charged. Airport security may require you to turn on your computer when bringing it into the gate area.

What to bring with you

Bring the following items with you:

- AC adapter
- Spare, fully-charged battery pack(s)
- Additional printer driver files if you plan to use another printer

Special considerations

In addition to the guidelines for taking the computer home, follow these guidelines to protect your computer while traveling:

- Always take the computer as carry-on luggage.
- If possible, have the computer inspected by hand. Airport security X-ray machines are safe, but do not put the computer through a metal detector.
- Avoid exposing floppy disks to hand-held metal detectors.

Traveling internationally with the computer

"when you are moving from country to country"

Preparing the computer

Prepare the computer as you would normally prepare it for traveling.

What to bring with you

Bring the following items with you:

- AC adapter
- Power cords that are appropriate for the country to which you are traveling
- Spare, fully-charged battery packs
- IEEE 1394 optical drive module(s)
- Additional printer driver files if you plan to use another printer
- Proof of purchase, in case you need to show it to customs officials
- International Travelers Warranty passport

Special considerations

Follow the same special considerations as when traveling with the computer. In addition, these tips are useful when traveling internationally:

- When traveling in another country, check that the local AC voltage and the AC adapter power cord specifications are compatible. If not, purchase a power cord that is compatible with the local AC voltage. Do not use converter kits sold for appliances to power the computer.
- If you are using the modem, check if the modem and connector is compatible with the telecommunications system of the country you are traveling in.

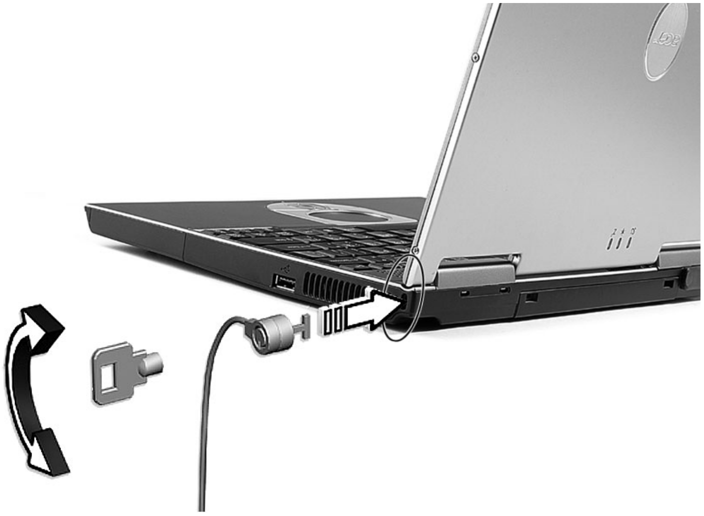
Securing your computer

Your computer is a valuable investment that you need to take care of. Learn how to protect and take care of your computer.

Security features include hardware and software locks — a security notch and passwords.

Using a computer security lock

A security keylock notch located on the rear of the computer lets you connect a Kensington-compatible computer security lock.



Wrap a computer security lock cable around an immovable object such as a table or locked drawer handle. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.

Using passwords

Passwords protect your computer from unauthorized access. Setting these passwords creates several different levels of protection for your computer and data:

- Supervisor Password prevents unauthorized entry into the BIOS Utility. Once set, you must key-in this password to gain access to the BIOS Utility. See “BIOS Utility” on page 45.
- User Password secures your computer against unauthorized use. Combine the use of this password with password checkpoints on boot-up and resume from hibernation for maximum security.

- Password on Boot secures your computer against unauthorized use. Combine the use of this password with password checkpoints on boot-up and resume from hibernation for maximum security.

Important! Do not forget your Supervisor! If you forget your password, please get in touch with your dealer or an authorized service center.

Entering passwords

When a password is set, a password prompt appears in the center of the display screen.

- When the Supervisor Password is set, a prompt appears when you press **F2** to enter the BIOS Utility at boot-up.
- Type the Supervisor Password and press **Enter** to access the BIOS Utility. If you enter the password incorrectly, a warning message appears. Try again and press **Enter**.
- When the User Password is set and the Password on boot parameter is enabled, a prompt appears at boot-up.
- Type the User Password and press **Enter** to use the computer. If you enter the password incorrectly, a warning message appears. Try again and press **Enter**.

Important! You have three chances to enter a password. If you fail to enter the password correctly after three tries, the system halts. Press and hold the power button for four seconds to shut down the computer. Then turn on the computer again, and try again.

Setting passwords

You can set passwords using the BIOS Utility.

2 Customizing my computer

After learning the basics of your TravelMate computer, let’s get acquainted with the advanced features of your computer. In this chapter, you will learn how to add options, upgrade components for better performance, and customize your computer.

Expanding through options

Your TravelMate offers you a complete mobile computing experience.

Connectivity options

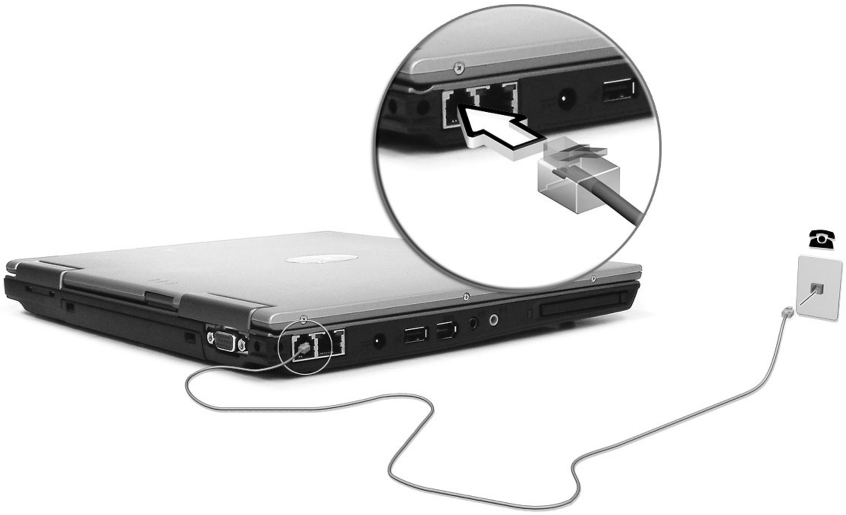
Ports allow you to connect peripheral devices to your computer as you would with a desktop PC. For instructions on how to connect different external devices to the computer, see your online guide for more details.

Fax/data modem

Your computer has a built-in V.90/92 56Kbps AC'97 Link fax/data modem.

Warning! This modem port is not compatible with digital phone lines. Plugging this modem into a digital phone line will damage the modem.

To use the fax/data modem port, connect a phone cable from the modem port to a telephone jack.

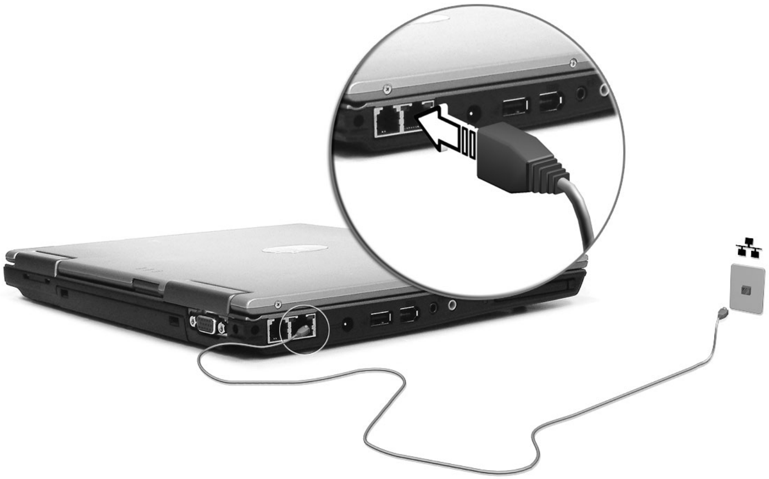


Start your communications software program.

Built-in network feature

The built-in network feature allows you to connect your computer to an Ethernet-based (10/100 Mbps) network.

To use the network feature, connect an Ethernet cable from the network jack on the left of the computer to a network jack or hub on your network.

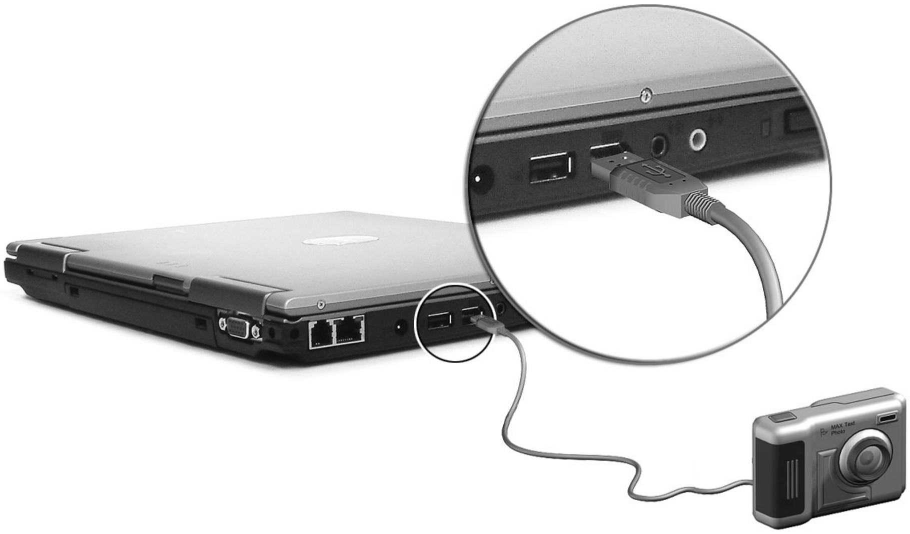


Fast infrared

The computer's fast infrared (FIR) port allows you to do wireless data transfer with other IR-aware computers and peripherals such as PDAs (personal digital assistants), mobile phones, and infrared printers. The infrared port can transfer data at speeds of up to four megabits per second (Mbps) at a distance of up to one meter.

Universal Serial Bus

The Universal Serial Bus (USB 2.0) port is a high-speed serial bus which allows you to connect and daisy-chain USB peripherals without taking up precious system resources. Your computer has two ports available, one on left and the other one on right.



IEEE 1394 port

The computer's IEEE 1394 port allows you to connect to an IEEE 1394 supported devices like a CD-ROM, DVD-ROM, DVD/CD-RW Combo or DVD-Dual drive.

PC Card slot

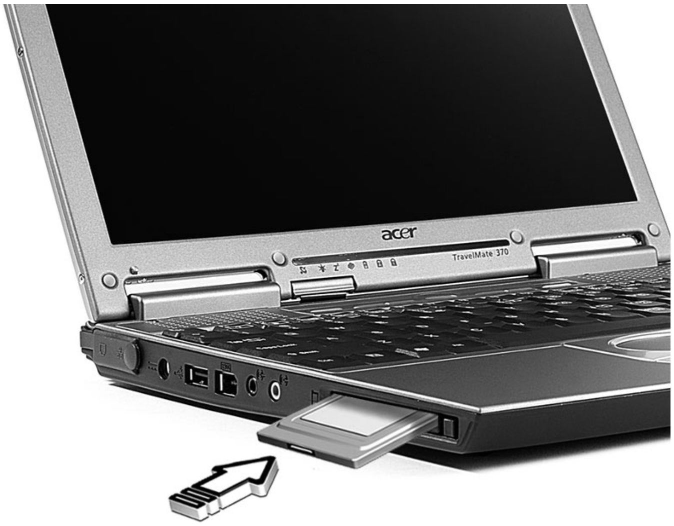
The type II CardBus PC Card slot found on the left side of the computer accepts credit-card-sized cards that enhance the usability and expandability of the computer. These cards should have a PC Card logo on them.

PC Cards (formerly PCMCIA) are add-on cards for portable computers, giving you expansion possibilities long afforded by desktop PCs. Popular PC cards include flash, fax/data modem, LAN, wireless LAN and SCSI cards. CardBus improves on the 16-bit PC card technology by expanding the bandwidth to 32 bits.

Note: Refer to your card’s manual for details on how to install and use the card and its functions.

Inserting a PC Card

Insert the card into the slot and make the proper connections (e.g., network cable), if necessary. See your card manual for details.



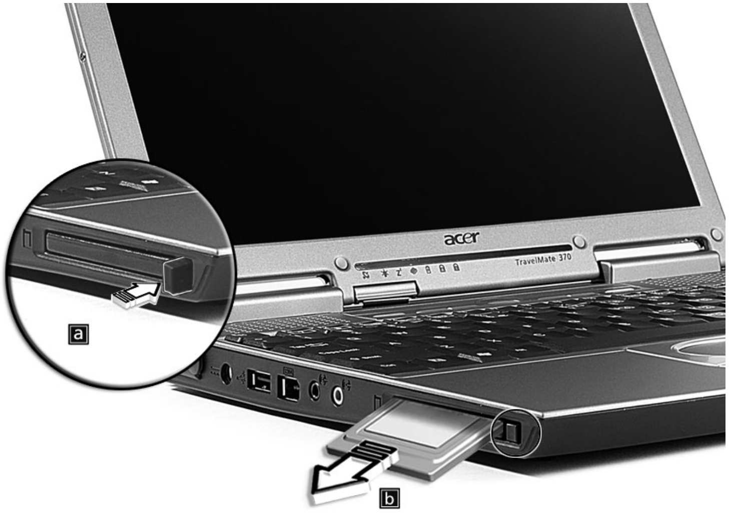
Ejecting a PC Card

Before ejecting a PC Card:

1 Exit the application using the card.

2 Left-click on the PC Card icon on the taskbar and stop the card operation.

3 Press the slot eject button to pop out the eject button (a); then press it again to eject the card (b).



Upgrade options

Your computer delivers superior power and performance. However, some users and the applications they use may demand more. This computer allows you to upgrade key components when you need increased performance.

Note: Contact your authorized dealer if you decide to perform a key component upgrade.

Memory upgrade

Memory is expandable to 2 GB, employing 128/256/512/1024-MB industry standard soDIMMs (Small Outline Dual Inline Memory Modules). The computer supports DDR (Double Data Rate) SDRAM.

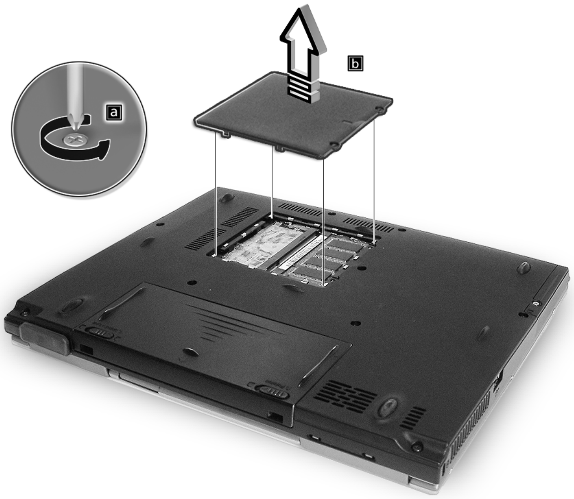
There are two memory slots on your computer, one of which is occupied by standard memory. You can upgrade memory by installing a memory module into the one available slot, or replacing the standard memory with a higher-capacity memory module.

Installing memory

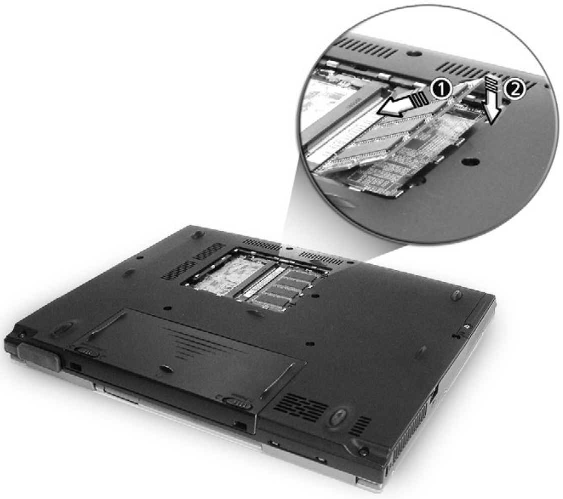
Follow these steps to install memory:

1 Turn off the computer, unplug the AC adapter (if connected) and remove the battery pack. Then turn the computer over to access its base.

2 Remove the screws from the memory cover (a); then lift up and remove the memory cover (b).



3 Insert the memory module diagonally into the slot (1), then gently press it down (2) until it clicks into place.



4 Replace the memory cover and secure it with the screw.

5 Reinstall the battery pack, and reconnect the AC adapter.

6 Turn on the computer.

The computer automatically detects and reconfigures the total memory size.

Using system utilities

Notebook Manager

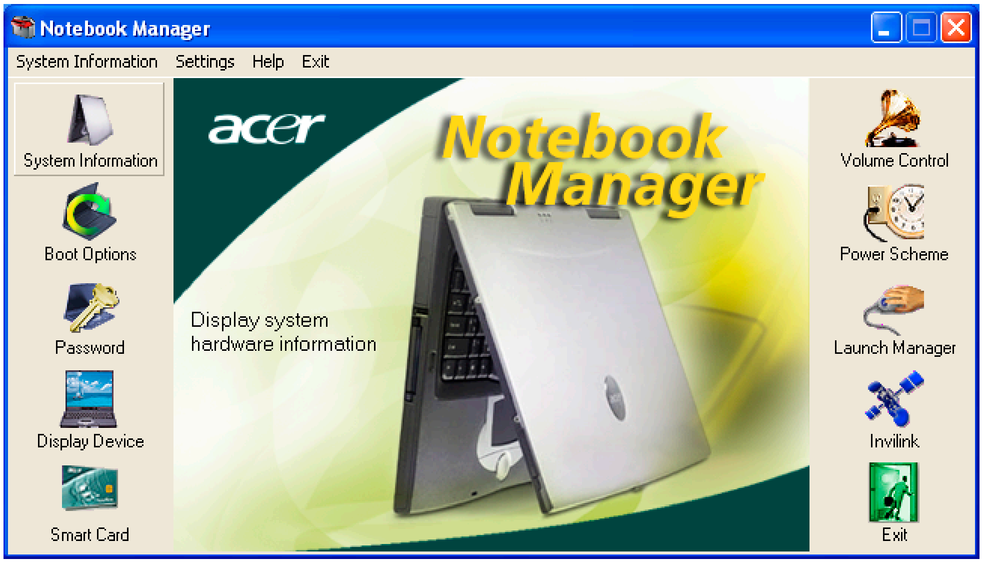
The computer has a built-in system setup program called Notebook Manager. The Windows-based Notebook Manager allows you to set passwords, the startup sequence of the drives, and power management settings. It also shows current hardware configurations.

To start the Notebook Manager, press **Fn-F2** or follow these steps:

1 Click on **Start**, **All Programs**, then **Notebook Manager**.

2 Select the **Notebook Manager** application to run the program.

Click on Help for more information.

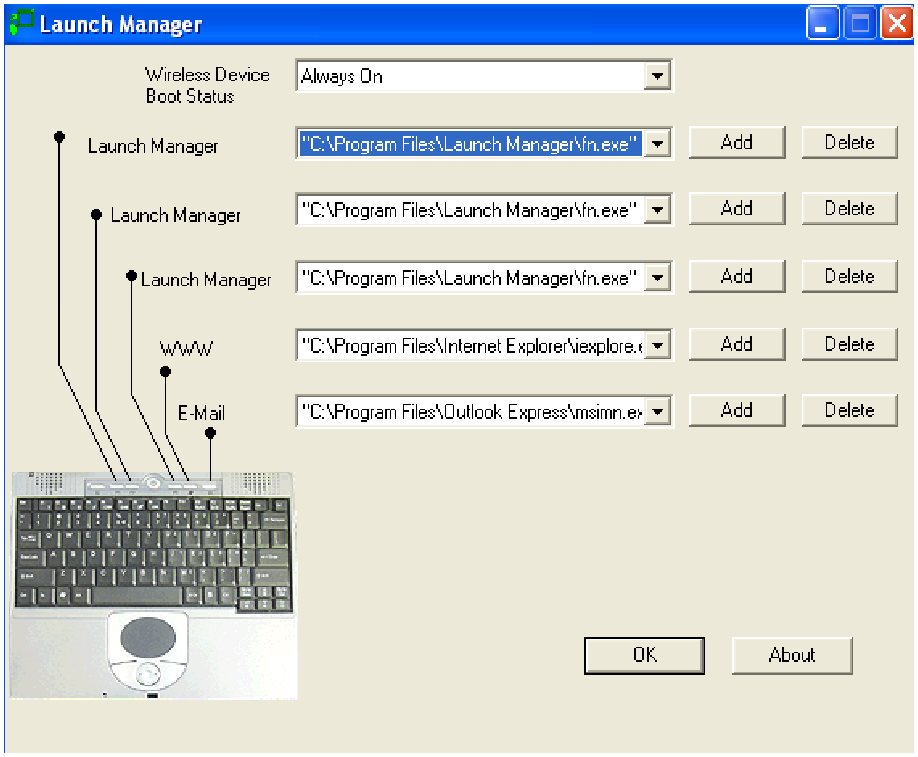

Notebook Manager
System Information
Settings
Help
Exit
System Information
Boot Options
Password
Display Device
Smart Card
acer
Notebook Manager
Volume Control
Power Scheme
Launch Manager
Invilink
Exit

Display system hardware information

Launch Manager

Launch Manager allows you to set the two launch keys located above the keyboard. See “Launch Keys” on page 21 for the location of the launch key.

You can access the Launch Manager by clicking on **Start**, **All Programs**, and then **Launch Manager** to start the application.



Launch Manager

Wireless Device Boot Status: Always On

Launch Manager: "C:\Program Files\Launch Manager\fn.exe"

Launch Manager: "C:\Program Files\Launch Manager\fn.exe"

Launch Manager: "C:\Program Files\Launch Manager\fn.exe"

WWW: "C:\Program Files\Internet Explorer\iexplore.e

E-Mail: "C:\Program Files\Outlook Express\msimn.ex

BIOS Utility

The BIOS Utility is a hardware configuration program built into your computer’s BIOS (basic input/output system).

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run it.

To activate the BIOS Utility, press **F2** during the POST (power-on self-test) while the TravelMate logo is being displayed.

Disk to Disk Recovery

Disk to Disk Recovery allows you to restore the hard drive with the original software content that was installed when you purchased your notebook. Follow the steps below to access Disk to Disk Recovery.

It is important to back up all data files before you use this option because your drive will be reformatted and all data will be erased.

Restoring process:

1. Press F2 to enter BIOS setup during Power-On Self-Test (POST while the TravelMate logo is being displayed).
2. Select “Advanced”.
3. Refer to the on-screen instruction to set the Boot From D2D mode to “Enabled” and exit.
4. Promptly press F10 to enter on-screen instructions to continue the process. After restarting your computer, the Windows installation continues.

3 Troubleshooting my computer

This chapter instructs you on how to deal with common system problems. Read it before calling a technician if a problem occurs. Solutions to more serious problems require opening up the computer. Do not attempt to open the computer by yourself. Contact your dealer or an authorized service center for assistance.

Key link: www.acersupport.com

Frequently-asked questions

The following is a list of possible situations that may arise during the use of your computer. Easy answers and solutions are provided for each one.

I pressed the power button and opened the display, but the computer does not start or boot-up.

Look at the Power indicator:

- If it is not lit, no power is being applied to the computer. Check the following:
    - If you are running on battery power, it may be low and unable to power the computer. Connect the AC adapter to recharge the battery pack.
    - Make sure that the AC adapter is plugged in properly to the computer and to the power outlet.
- If it is lit, check the following:
    - Is a non-bootable (non-system) diskette in the external USB floppy drive? Remove or replace it with a system diskette and press **Ctrl-Alt-Del** to restart the system.

Nothing appears on the screen.

The computer's power management system automatically blanks the screen to save power. Press any key to turn the display back on.

If pressing a key does not turn the display back on, two things might be the cause:

- The brightness level might be too low. Press **Fn-**↑ (increase) to adjust the brightness level.
- The display device might be set to an external monitor. Press the display toggle hot key **Fn-F5** to toggle the display back to the computer.
- If the Sleep indicator is lit, the computer is in Sleep mode. Press and release the power button to resume.

Image is not full-screen.

The computer display has a native resolution of 1024 x 768 (XGA) for the 12.1”. If you set the resolution lower than this, the screen expands to fill the computer display. Right-click on your Windows desktop and select Properties to bring up the **Display Properties** dialog box. Then click on the Settings tab to make sure that the resolution is set to the appropriate resolution. Resolutions lower than the specified resolution are not full-screen on the computer or on an external monitor.

No audio is heard from the computer.

Check the following:

- The volume may be muted. In Windows, look at the volume control (speaker) icon on the taskbar. If it is crossed-out, click on the icon and deselect the Mute option.
- The volume level may be too low. In Windows, look at the volume control icon on the taskbar. You can also use the volume control buttons to adjust the volume. See “Keyboard Hot keys” on page 17 for more detail.
- If headphones, earphones or external speaker are connected to the line-out port on the computer’s left panel, the internal speaker automatically turn off.

I want to eject the optical drive tray without turning on the power. I cannot eject the optical drive tray.

There is a mechanical eject button on the optical drive. Simply insert the tip of a pen or paperclip and push to eject the tray.

The keyboard does not respond.

Try attaching an external keyboard to the USB 2.0 connector on the right or left of the computer. If it works, contact your dealer or an authorized service center as the internal keyboard cable may be loose.

The infrared port does not work.

Check the following:

- Make sure that the infrared ports of the two devices are facing each other (+/- 15 degrees) a maximum of 1 meter apart.
- Make sure there is a clear path between the two infrared ports. Nothing should be blocking the ports.
- Make sure you have the appropriate software running on both devices (for file transfers) or you have the appropriate drivers (for printing to an infrared printer).

- During the POST, press **F2** to access the BIOS Utility and verify that the infrared port is enabled.
- Make sure both devices are IrDA-compliant.

The printer does not work.

Check the following:

- Make sure that the printer is connected to a power outlet and that it is turned on.
- Make sure that the printer cable is connected securely to the computer’s parallel port and the corresponding port on the printer.
- During POST, press **F2** to access the BIOS Utility and verify that the parallel port is enabled.

I want to set up my location to use the internal modem.

To properly use your communications software (e.g. HyperTerminal), you need to set up your location:

1. Click on **Start**, **Settings**, **Control Panel**.
2. Double-click on **Modems**.
3. Click on **Dialing Properties** and begin setting up your location.

Refer to the Windows manual.

Troubleshooting tips

This notebook computer incorporates an advanced design that delivers onscreen error message reports to help you solve problems.

If the system reports an error message or an error symptom occurs, see "Error messages" on page 53. If the problem cannot be resolved, contact your dealer. See "Requesting service" on page 54.

Error messages

If you receive an error message, note the message and take the corrective action. The following table lists the error messages in alphabetical order together with the recommended course of action.

Error Messages	Corrective Action
CMOS Battery Bad	Contact your dealer or an authorized service center.
CMOS Checksum Error	Contact your dealer or an authorized service center.
Disk Boot Failure	Insert a system (bootable) diskette into the floppy drive (A:), then press **Enter** to reboot.
Equipment Configuration Error	Press **F2** (during POST) to enter the BIOS Utility; then press **Esc** in the BIOS Utility to reboot.
Hard Disk 0 Error	Contact your dealer or an authorized service center.
Hard Disk 0 Extended Type Error	Contact your dealer or an authorized service center.
I/O Parity Error	Contact your dealer or an authorized service center.
Keyboard Error or No Keyboard Connected	Contact your dealer or an authorized service center.
Keyboard Interface Error	Contact your dealer or an authorized service center.
Memory Size Mismatch	Press **F2** (during POST) to enter the BIOS Utility; then press **Esc** in the BIOS Utility to reboot.

If you still encounter problems after going through the corrective measures, please contact your dealer or an authorized service center for assistance. Some problems may be solved using the BIOS Utility.

Requesting service

International Travelers Warranty (ITW)

Your computer is backed by an International Travelers Warranty (ITW) that gives you security and peace of mind when traveling. Our worldwide network of service centers are there to give you a helping hand.

An ITW passport comes with your computer. This passport contains all you need to know about the ITW program. A list of available, authorized service centers is in this handy booklet. Read this passport thoroughly.

Always have your ITW passport on hand, especially when you travel to receive the benefits from our support centers. Place your proof-of-purchase in the flap located inside the front cover of the ITW passport.

If the country you are traveling in does not have an Acer-authorized ITW service site, you can still get in contact with our offices worldwide.

Please consult www.acersupport.com.

Before you call

Please have the following information available when you call Acer for online service, and please be at your computer when you call. With your support, we can reduce the amount of time a call takes and help solve your problems efficiently.

If there are error messages or beeps reported by your computer, write them down as they appear on the screen (or the number and sequence in the case of beeps).

You are required to provide the following information:

Name:____

Address:_______________________________________

____

Telephone number:_____________________________

Machine and model type:_______________________

Serial number:_________________________________

Date of purchase:______________________________

Appendix A

Specifications

This appendix lists the general specifications of your computer.

Microprocessor

- Intel® Pentium® M Processor with 1024 KB L2 cache

Memory

- Main memory expandable up to 2 GB
- Two DDR DIMM slots
- Support 128 MB, 256 MB, 512 MB & 1GB DDR SDRAM modules
- 512 KB Flash ROM BIOS

Data storage

- One high-capacity, Enhanced-IDE hard disk
- One 5.25-inch internal hot-swappable optical drive

Display and video

- Thin-Film Transistor (TFT) liquid crystal display (LCD) displaying 32-bit true color up to 1024 x 768 eXtended Graphics Array (XGA) resolution
- Simultaneous LCD and CRT display support
- 3D graphics engine

Audio

- 16-bit AC’97 stereo audio
- Built-in speaker

Keyboard and pointing device

- 84/85/88-key Windows keyboard
- Ergonomically-centered touchpad pointing device

I/O ports

- One type II CardBus PC Card slot
- One RJ-45 jack (Ethernet 10/100)
- One RJ-11 phone jack (V.92)
- One DC-in jack for AC adapter
- One VGA port for external monitor
- One speaker/headphone-out jack (3.5mm mini jack)
- One microphone-in jack
- One IEEE 1394 port
- Two USB 2.0 ports
- One FIR port (IrDA)

Weight and dimensions

- 1.70 kg (3.7 lbs) with 6-cell battery
  1.55 kg (3.4 lbs) with 4-cell battery
- 273 mm (W) x 231 mm (D) x 24 mm (H)

Environment

- Temperature
  - Operating: 5°C ~ 35°C
  - Non-operating: -20°C ~ 65°C
- Humidity (non-condensing)
  - Operating: 20% ~ 80% RH
  - Non-operating: 20% ~ 80% RH

System

- ACPI support
- DMI 2.0-compliant
- Microsoft Windows operating system

Power

- 6-cell battery
    - 48.84 Wh Li-ion battery pack
    - 2.5-hour rapid charge/3.0-hour charge-in-use

- 4-cell battery
    - 26.64 Wh Li-ion battery pack
    - 1.5-hour rapid charge/2.5-hour charge-in-use

- AC adapter
    - 65-Watt
    - Auto sensing 90~264Vac, 47~63Hz

Options

- 128 MB/256 MB/512 MB/1GB memory upgrade modules
- Additional Li-Ion battery pack
- Additional AC adapter
- USB Floppy drive
- CD-ROM, DVD-ROM, DVD/CD-RW combo, or DVD-Dual drive

Appendix B

Notices

This appendix lists the general notices of your computer.

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the device and receiver
- Connect the device into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for help

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user’s authority, which is granted by the Federal Communications Commission, to operate this computer.

Use conditions

This part complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B respected toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Modem notices

FCC

This equipment complies with Part 68 of the FCC rules. Located on the bottom side of the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for pan-European single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

Important safety instructions

Read these instructions carefully. Save these instructions for future reference.

1 Follow all warnings and instructions marked on the product.

2 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

3 Do not use this product near water.

4 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

5 Slots and openings in the cabinet and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

6 This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

7 Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

8 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

  a When the power cord or plug is damaged or frayed

  b If liquid has been spilled into the product

  c If the product has been exposed to rain or water

  d If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

e If the product has been dropped or the cabinet has been damaged

f If the product exhibits a distinct change in performance, indicating a need for service.

12 Replace the battery with the same type as the product's battery we recommend. Use of another battery may present a risk of fire or explosion.

13 Warning! Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children and dispose of used batteries promptly.

14 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. It should be a detachable type: UL listed/CSA certified, type SPT-2, rated 7A 125V minimum, VDE approved or its equivalent. Maximum length is 15 feet (4.6 meters).

Laser compliance statement

The CD or DVD drive used with this computer is a laser product. The CD or DVD drive’s classification label (shown below) is located on the drive.

CLASS 1 LASER PRODUCT
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT
LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D’OUVERTURE. EVITTER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1
VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

PRODUCTO LÁSER DE LA CLASE I
ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÅTEILYLLE.
VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÅTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

Lithium battery statement

The TravelMate 370 series uses the lithium battery, models BTP-50T3, BTP-73E1 only.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to local regulations. Recycle if at all possible.

ADVARSEL!
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Léver det brugte batteri tilbage til leverandøren.

ADVARSEL
Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

VARNING
Explosionsfara vid felaktigt batteribyte. Anvãnd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera anvãnt batteri enligt fabrikantens instruktion.

VAROITUS
Päristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

VORSICHT!
Explosionsgefahr bei unsachgemäßen Austausch der Batterie Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or colored dots. This has no effect on the recorded image and does not constitute a malfunction.

Macrovision copyright protection notice

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Apparatus Claims of U.S. Patent Nos. 4,631,603, 4,577,216, 4,819,098, and 4,907,093 licensed for limited viewing uses only.

A-Tick notice

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified. The unit shall be connected to Telecommunication Network through a line cord which meets the requirements of ACA Technical Standard TS008. Australian approved mains cord set shall be used with the equipment.

Note: Below regulatory information is for models with wireless LAN and/or Bluetooth only.

Regulatory Information

The Wireless module must be installed and used in strict accordance with the manufacturer’s instructions. This device complies with the following radio frequency and safety standards.

Canada - Industry Canada (IC)

- This device complies with RSS 210 of Industry Canada.

Europe - EU Declaration of Conformity

This device complies with the standards listed below, following the provisions of the EMC Directive 89/336/EEC:

- ETSI EN 301 489-1/17
- ETSI EN 300 328-2
- EN 300 328 V1.4.1.

USA - Federal Communications Commission (FCC)

This device complies with Part 15 of FCC Rules. Operation of the devices in an Wireless LAN System is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may cause undesired operation.

Exposure to Radio Frequency Radiation

The radiated output power of the Wireless module is far below the FCC radio frequency exposure limits. Nevertheless, the Wireless module shall be used in such a manner that the potential for human contact during normal operation is minimized.

The transmitter and the antenna are permanently installed inside the notebook, and are specific for this model (not for generic computer). The antenna of this device is installed on the top of the LCD display. For compliance with FCC radiation exposure limits. It should be operated with a separation distance of 20cm or more between the antenna and the body of the user, and the antenna should not be operated next to a nearby person.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment (example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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